



PRELIMINARY ASSESSMENT DATA AND SITE CHARACTERISTICS FORM				IDENTIFICATION	
				State: NJ	CERCLIS Number: NJD002514750
				CERCLIS Discovery Date: 2/28/89	
1. General Site Information					
Name: GEORGIA-PACIFIC CORP.			Street Address: 175 DEROUSSE AVENUE		
City: DELAIR	State: NJ	Zip Code: 08110	County: CAMDEN	Cong. Dist:	
Latitude: 39° 58' 38.0"	Longitude: 75° 3' 52.0"	Approx. Area of Site: 13 acres		Status of Site: Active	
2. Owner/Operator Information					
Owner: GEORGIA-PACIFIC CORP.			Operator: GEORGIA-PACIFIC CORP.		
Street Address: 175 DEROUSSE AVENUE			Street Address: 175 DEROUSSE AVENUE		
City: DELAIR			City: DELAIR		
State: NJ	Zip Code: 08110	Telephone: (609) 663-6015	State: NJ	Zip Code: 08110	Telephone: (609) 633-6015
Type of Ownership: Private			How initially identified: RCRA/CERCLA Notification		

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3. Site Evaluator Information			
Name of Evaluator: MICHAEL DIGIORE		Date Prepared: 6/21/91	
Agency / Organization: NJDEP/BSA		EPA or State Agency Contact: KEN KLOO	
Street Address: 300 HORIZON CENTER, CN407			
City: TRENTON	State: NJ	Telephone: (609) 584-4305	
Emergency Removal Recommendation: No Date:	Recommendation: NFRAP Date: 6/91	Signature: Name: MICHAEL DIGIORE Position: HSMS 4	

PRELIMINARY ASSESSMENT
DATA AND SITE CHARACTERISTICS FORM

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4. General Site Characteristics

Predominate Land Uses within
1 mile of Site:
Industrial

Site Setting:
Urban

Years of Operation:
Beginning Year: 1925
Ending Year: 1925
Unknown

Type of Site Operations:
Recycling
RCRA
Large Quantity Generator

Waste Generated:
Onsite

Waste Deposition Authorized
by Present Owner

Waste Accessible to Public
No

Distance to Nearest Dwelling,
School, or Workplace:
100 Feet

5. Waste Characteristics Information

Source Type:	Quantity	units
Surface impoundment	2.700e+05	cu ft
Drums	1.000e+01	drums

General Types of Waste:
Oily Waste
Municipal Waste

Physical State of Waste Deposited
Liquid

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		State:	CERCLIS Number:
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6. Ground Water Pathway			
Is Ground Water Used for Drinking Water Within 4 Miles: No	Is There a Suspected Release to Ground Water: Yes	List Secondary Target Population Served by Ground Water Withdrawn From: 0 - 1/4 Mile 0 >1/4 - 1/2 Mile 3571 >1/2 - 1 Miles 24997 >1 - 2 Miles 15868 >2 - 3 Miles 46020 >3 - 4 Miles 36892 Total 127348	
Type of Ground Water Wells Within 4 Miles: Municipal	Have Primary Target Wells Been Identified: No		
Depth to Shallowest Aquifer: 0 Feet	Nearest Designated Wellhead Protection Area: , - 4 Miles		
Karst Terrain/Aquifer Present: No			

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7. Surface Water Pathway Page 1

Type of Surface Water Draining Site and 15 Miles Downstream: River	Shortest Overland Distance from any Source to Surface Water: <div style="text-align: right;"> 0 Feet 0.0 Miles </div>
Is there a Suspected Release to Surface Water: Yes	Site is Located in: Annual - 10 yr floodplain

7. Surface Water Pathway Page 2

Drinking Water Intakes along the Surface Water Migration Path: Yes

Have Primary Target Drinking Water Inlets been Identified: No

Secondary Target Drinking Water Intakes:

Name	Water Body/Flow(cfs)	Population Served
TORRESDALE	large river/ >10000	792000
BURLINGTON	large river/ >10000	10000
BRISTOL	large river/ >10000	40000
Total Within 15 Miles:		842000

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7. Surface Water Pathway Page 3

Fisheries Located along the Surface Water Migration Path: Yes

Have Primary Target Fisheries Been Identified: Yes

Secondary Target Fisheries:
None

7. Surface Water Pathway Page 4

Wetlands Located along the Surface Water Migration Path: No

Have Primary Target Wetlands Been Identified: No

Secondary Target Wetlands:
None

Other Sensitive Environments along the Surface Water Migration Path: Yes

Have Primary Target Sensitive Environments Been Identified: Yes

Secondary Target Sensitive Environments:
None

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8. Soil Exposure Pathway

Are People Occupying Residences or Attending School or Day Care on or within 200 feet of the Site: No	Number of Workers Onsite: 1 - 100
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Have Terrestrial Sensitive Environments Been Identified on or within 200 feet of the site: No

 Terrestrial Sensitive Environments:
 Critical habitat for Federally designated endang/threat species

9. Air Pathway

Total Population on/within: Onsite 35 0 - 1/4 Mile 250 >1/4 - 1/2 Mile 819 >1/2 - 1 Mile 4183 >1 - 2 Miles 34951 >2 - 3 Miles 114602 >3 - 4 Miles 188420 Total 343260	Is there a Suspected Release to Air: No Are there Wetlands within 4 Miles of the Site: Yes Are there Other Sensitive Environments within 4 miles of the Site: No
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Sensitive Environments within 1/2 Mile of the Site:

Distance	Sensitive Environment Type/Wetlands Area(acres)
>1/4 - 1/2	Wetlands (1 to 50 acres)

WASTE CHARACTERISTICS

Waste Characteristics (WC) Calculations:

1 AERATION LAGOON	Surface impoundment	WQ value	maximum
Volume	2.70E+05 cu ft	4.00E+03	4.00E+03
2 DRUMS	Drums	WQ value	maximum
Volume	1.00E+01 drums	1.00E+00	1.00E+00

WQ total 4.00E+03

Waste Characteristics Score: WC = 32

Ground Water Pathway Criteria List
Suspected Release

Are sources poorly contained? (y/n/u)	N
Is the source likely to contribute to ground water contamination (e.g., wet lagoon)? (y/n/u)	Y
Is the waste quantity particularly large? (y/n/u)	Y
Is precipitation heavy and filtration rate high? (y/n/u)	U
Is the site located in an area of karst terrain? (y/n)	N
Is the substance highly permeable or conductive? (y/n/u)	U
Is drinking water drawn from a shallow aquifer? (y/n/u)	N
Are suspected contaminants highly mobile in ground water? (y/n/u)	U
Does any circumstantial evidence of ground water or drinking water contamination exist? (y/n/u)	Y

Other criteria? (y/n) N

SUSPECTED RELEASE? (y/n) Y

Summarize the rationale for a Suspected Release:

Ground Water Pathway Criteria List
Primary Targets

Is any drinking water well nearby? (y/n/u)	Y
Is any nearby drinking water well closed? (y/n/u)	Y
Has foul-tasting or foul-smelling water been reported by any nearby drinking water well users? (y/n/u)	U
Do any nearby wells have a large drawdown/high production rate? (y/n/u)	Y
Are drinking water wells located between the site and other wells that are suspected to be exposed to hazardous substances? (y/n/u)	Y
Does any circumstantial evidence of ground water or drinking water contamination exist? (y/n/u)	Y
Does any drinking water well warrant sampling? (y/n/u)	N

Other criteria? (y/n) N

PRIMARY TARGET(S) IDENTIFIED? (y/n) N

Summarize the rationale for identifying Primary Targets:

GROUND WATER PATHWAY SCORESHEETS

Pathway Characteristics

Pathway Characteristics			Ref.
Do you suspect a release? (y/n):		Yes	
Is the site located on a karst terrain? (y/n):		No	
Depth of Aquifer (feet):		0	
Distance to the nearest drinking water well (feet):		0	
LIKELIHOOD OF RELEASE	Suspected Release	No Suspected Release	References
1. SUSPECTED RELEASE	550		
2. NO SUSPECTED RELEASE		0	
LR =	550	0	

Targets

TARGETS	Suspected Release	No Suspected Release	References
3. PRIMARY TARGET POPULATION 0 person(s)	0		
4. SECONDARY TARGET POPULATION Are any wells part of a blended system? (y/n) N	2234	0	
5. NEAREST WELL	18	0	
6. WELLHEAD PROTECTION AREA(WHPA One or more within 4 miles	5	0	
7. RESOURCES	5	0	
T =	2262	0	

Waste Characteristics

WC =

32	0
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Ground Water Pathway Score:

100

Ground Water Target Populations

Primary Target Population Drinking-Water Well ID	Dist. (miles)	Population Served	Reference	Value
None				
Total				

Secondary Target Population Distance Categories	Population Served	Reference	Value
0 to 1/4 mile	0		0
Greater than 1/4 to 1/2 mile	3571		323
Greater than 1/2 to 1 mile	24997		522
Greater than 1 to 2 miles	15868		294
Greater than 2 to 3 miles	46020		678
Greater than 3 to 4 miles	36892		417
Total			2234

Apportionment Documentation for a Blended System

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Surface Water Pathway Criteria List
Suspected Release

Is surface water nearby? (y/n/u)	Y
Is waste quantity particularly large? (y/n/u)	Y
Is drainage area large? (y/n/u)	N
Is precipitation heavy or infiltration rate low? (y/n/u)	U
Are sources poorly contained or prone to runoff or flooding? (y/n/u)	N
Is a runoff route well defined(e.g.ditch/channel to surf.water)? (y/n/u)	N
Is vegetation stressed along probable runoff path? (y/n/u)	N
Are suspected contaminants highly persistent in surface water? (y/n/u)	U
Are sediments/water unnaturally discolored? (y/n/u)	U
Is wildlife unnaturally absent? (y/n/u)	U
Has deposition of waste into surface water been observed? (y/n/u)	U
Is ground water discharge to surface water likely? (y/n/u)	Y
Is there any circumstantial evidence of surf.water contamination?(y/n/u)	Y

Other criteria? (y/n) Y Y

SUSPECTED RELEASE? (y/n) Y

Summarize the rationale for a Suspected Release:

Surface Water Pathway Criteria List		
Primary Targets		
Is any target nearby? (y/n/u)	If yes:	Y
N Drinking water intake		
Y Fishery		
Y Sensitive environment		
Has an intake, fishery, or recreational area been closed? (y/n/u)		N
Is there any circumstantial evidence of surface water contamination at or downstream of target? (y/n/u)		Y
Does any target warrant sampling? (y/n/u)	If yes:	N
N Drinking water intake		
N Fishery		
N Sensitive environment		
Other criteria? (y/n)	N	
PRIMARY INTAKE(S) IDENTIFIED? (y/n)		N
Summarize the rationale for identifying Primary Intake(s):		
continued -----		

continued -----

PRIMARY FISHERY IDENTIFIED? (y/n)

Y

Summarize the rationale for identifying Primary Fishery(ies):

PRIMARY SENSITIVE ENVIRONMENT(S) IDENTIFIED? (y/n)

Y

Summarize the rationale for identifying Primary Sensitive Environment(s):

SURFACE WATER PATHWAY SCORESHEETS

Pathway Characteristics

Pathway Characteristics			Ref.
Do you suspect a release? (y/n):		Yes	
Distance to the surface water (feet):		0	
Flood Frequency (years):		1-10	
What is downstream distance (miles) to:			
a. the nearest drinking water intake?		0.0	
b. the nearest fishery?		0.0	
c. the nearest sensitive environment?		0.0	
LIKELIHOOD OF RELEASE	Suspected Release	No Suspected Release	References
1. SUSPECTED RELEASE	550		
2. NO SUSPECTED RELEASE		0	
LR =	550	0	

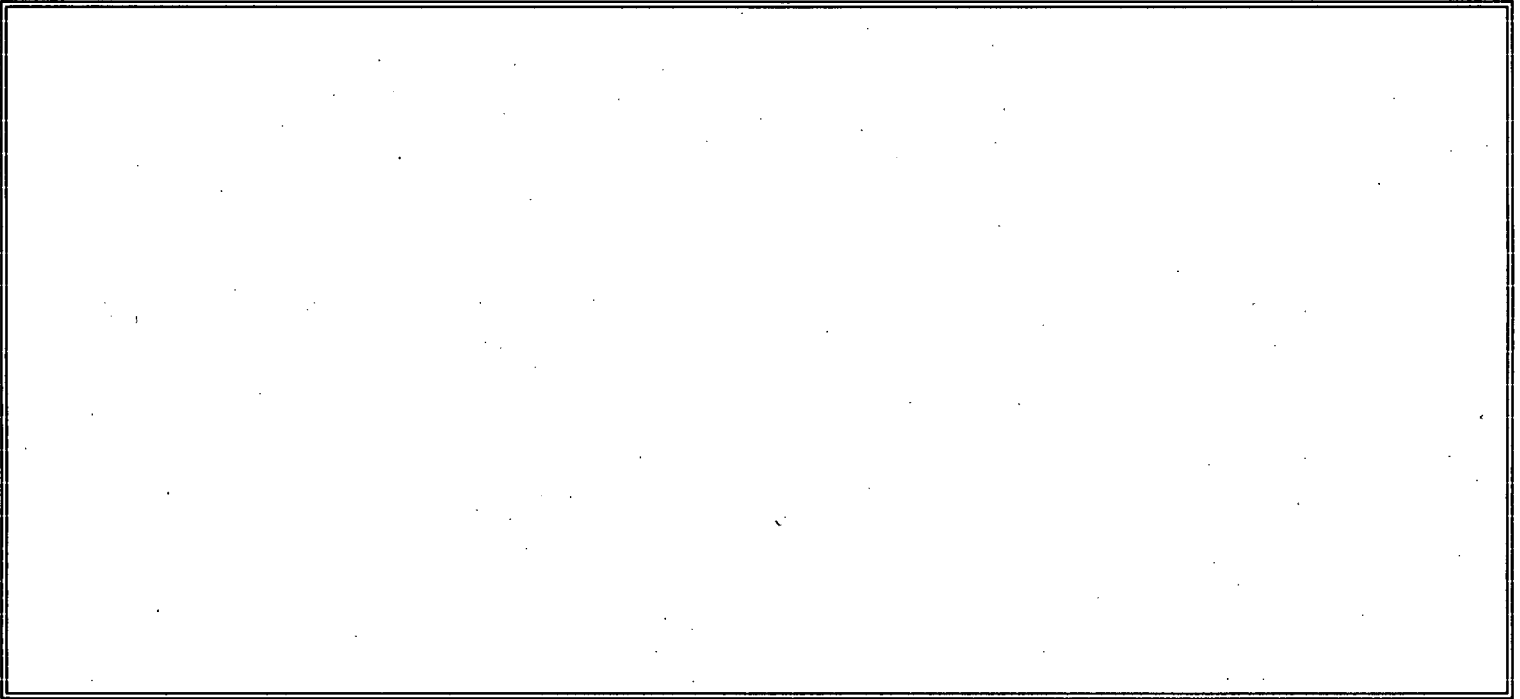
Drinking Water Threat Targets

TARGETS (within 15 mi distance)	Suspected Release	No Suspected Release	References
3. Determine the water body type flows (if applicable), and number of people served by all drinking-water intakes.			
4. PRIMARY TARGET POPULATION 0 person(s)	0		
5. SECONDARY TARGET POPULATION Are any intakes part of a blended system? (y/n): N	6	0	
6. NEAREST INTAKE	0	0	
7. RESOURCES	5	0	
T =	11	0	

Drinking Water Intake Target Population

Intake Name	Primary (y/n)	Water Body Type/Flow	Population Served	Ref.	Value
1 TORRESDALE	N	large river/ >10000	792000		0
2 BURLINGTON	N	large river/ >10000	10000		0
3 BRISTOL	N	large river/ >10000	40000		0
Primary Target Population Total					0
Secondary Target Population Total					0

Apportionment Documentation for a Blended System



Human Food Chain Threat Targets

TARGETS (within 15 mi distance)	Suspected Release	No Suspected Release	References
8. Determine the water body types and flows for all fisheries within the target limit			
9. PRIMARY FISHERIES	300		
10. SECONDARY FISHERIES	0	0	
T =	300	0	

Human Food Chain Threat Targets

Fishery Name	Primary (y/n)	Water Body Type/Flow	Ref	Value
1 DELAWARE RIVER	Y	minimal stream/ <10		300
Primary Fisheries Total				300
Secondary Fisheries Total				0

Environmental Threat Targets

TARGETS (within 15 mi distance)	Suspected Release	No Suspected Release	References
11. Determine the water body types and flows (if applicable) for all sensitive environments.			
12. PRIMARY SENSITIVE ENVIRONMENTS	300		
13. SECOND. SENSITIVE ENVIRONMENTS	0	0	
T =	300	0	

Environment Threat Targets

Sensitive Environment Name	Primary (y/n)	Water Body Type/Flow	Ref.	Value
1 DELAWARE RIVER	Y	minimal stream/ <10		300
Primary Sensitive Environments Total				300
Secondary Sensitive Environments Total				0

Surface Water Pathway Threat Scores

Threat	Likelihood of Release(LR) Score	Target (T) Score	Pathway Waste Characteristics (WC) Score	Threat Score LR x T x WC / 82,500
Drinking Water	550	1.10E+01	32	2
Human Food Chain	550	3.00E+02	32	64
Environmental	550	3.00E+02	32	60

Surface Water Pathway Score:

100

Soil Exposure Pathway Criteria List
Resident Population

- Are there residences, schools, or day care facilities
on or within 200 feet of areas of suspected contamination? (y/n/u) N
- Are residences, schools, or day care facilities located on adjacent
land previously owned or leased by the site owner/operator? (y/n/u) N
- Is there an overland migration route that might spread hazardous
substances near residences, schools, or day care facilities? (y/n/u) N
- Are there any reports of adverse health effects from onsite or
adjacent residences or students, exclusive of apparent drinking water
or air contamination problems? (y/n/u) N
- Does any offsite property warrant sampling? (y/n/u) N

Other criteria? (y/n) N

RESIDENT POPULATION IDENTIFIED? (y/n) N

Summarize the rationale for identifying Resident Population:

SOIL EXPOSURE PATHWAY SCORESHEETS

Pathway Characteristics

	Ref.
Do any people live on or within 200 ft of areas of suspected contamination? (y/n) No	
Do any people attend school or day care on or within 200 ft of areas of suspected contamination? (y/n) No	
Is the facility active? (y/n): Yes	

LIKELIHOOD OF EXPOSURE	Suspected Contamination	References
1. SUSPECTED CONTAMINATION LE =	550	

Targets

2. RESIDENT POPULATION 0 resident(s) 0 school/day care students	0	
3. RESIDENT INDIVIDUAL	0	
4. WORKERS 1 - 100 nearby	5	
5. TERRES. SENSITIVE ENVIRONMENTS	0	
6. RESOURCES	5	
T =	10	

Waste Characteristics

WC =

32

Resident Population Threat Score:

2

Nearby Population Threat Score:

1

Population within 1 Mile: 1 - 10,000

Soil Exposure Pathway Score:

3

Soil Exposure Pathway Terrestrial Sensitive Environments

Terrestrial Sensitive Environment Name	Reference	Value
None		
Total Terrestrial Sensitive Environments Value		

Air Pathway Criteria List
Suspected Release

Have odors been reported? (y/n/u) N

Has a release of hazardous substances to the air
been directly observed? (y/n/u) Y

Are there any reports of adverse health effects (e.g., headaches,
nausea, dizziness) potentially resulting from migration of
hazardous substances through the air? (y/n/u) N

Is there any circumstantial evidence of air release? (y/n/u) Y

Other criteria? (y/n) N

SUSPECTED RELEASE? (y/n) N

Summarize the rationale for a Suspected Release:

AIR PATHWAY SCORESHEETS

Pathway Characteristics

Do you suspect a release? (y/n):			No	Ref.
Distance to the nearest individual (feet):			0	
LIKELIHOOD OF RELEASE	Suspected Release	No Suspected Release	References	
1. SUSPECTED RELEASE	0			
2. NO SUSPECTED RELEASE		500		
LR =		0		

Targets

TARGETS	Suspected Release	No Suspected Release	References
3. PRIMARY TARGET POPULATION 0 person(s)	0		
4. SECONDARY TARGET POPULATION	0	108	
5. NEAREST INDIVIDUAL	0	20	
6. PRI. SENSITIVE ENVIRONMENTS	0		
7. SEC. SENSITIVE ENVIRONMENTS	0	0	
8. RESOURCES	0	5	
T =		0	133

Waste Characteristics

WC =

0	32
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Air Pathway Score:

26

Air Pathway Secondary Target Populations

Distance from Nearest Source	Population	References	Value
Onsite	35		5
Greater than 0 to 1/4 mile	250		4
Greater than 1/4 to 1/2 mile	819		3
Greater than 1/2 to 1 mile	4183		8
Greater than 1 to 2 miles	34951		27
Greater than 2 to 3 miles	114602		38
Greater than 3 to 4 miles	188420		23
Total Secondary Population Value			108

Air Pathway Primary Sensitive Environments

Sensitive Environment Name	Reference	Value
None		
Total Primary Sensitive Environments Value		

Air Pathway Secondary Sensitive Environments

Sensitive Environment Name	Distance	Reference	Value
1 WETLAND	>1/4-1/2		0.1
None			
Total Secondary Sensitive Environments Value			0

PA-Score 0.3 Scoresheets
GEORGIA-PACIFIC CORP.

Page: 23

SITE SCORE CALCULATION	SCORE
GROUND WATER PATHWAY SCORE:	100
SURFACE WATER PATHWAY SCORE:	100
SOIL EXPOSURE PATHWAY SCORE:	3
AIR PATHWAY SCORE:	26
SITE SCORE:	72

RECOMMENDATION

SUMMARY

1. Is there a high possibility of a threat to nearby drinking water wells by migration of hazardous substances in ground water? No

If yes, identify the wells recommended for sampling during the SI

If yes, how many people are served by these threatened wells? 0

2. Are any of the following suspected to have been exposed to hazardous substances through surface water migration from the site?
- | | |
|---|----|
| A. Drinking water intakes | No |
| B. Fishery | No |
| C. Sensitive environment: wetland, critical habitat, others | No |

If yes, identity the targets recommended for sampling during the SI

3. Do people reside or attend school or day care on or within 200 ft of any area of suspected contamination? No
4. Are there public health concerns at this site that are not addressed by PA scoring considerations? No

If yes, explain: